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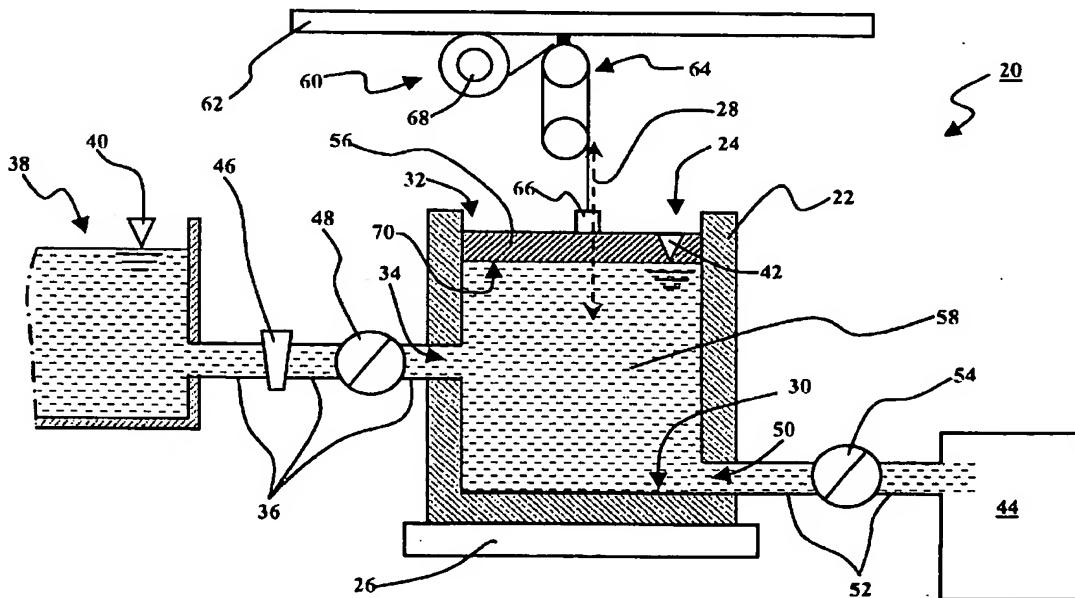
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**(54) Title: A PRESSURISATION SYSTEM**



**(57) Abstract:** A pressurization device is described mobilizing gravity to mobilize seawater and to employ a weight (56) for gravitationally applying a force to and thereby pressurizing an enclosed pocket (58) of seawater, resulting in low energy utilisation. Energy is further recovered from the flow of pressurized seawater that is supplied to the desalination system (20), resulting in a mechanically robust and energy efficient pressurization system.

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